

FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
SAEGU97.001APCAPPLICATION NO.
10/030,732FEB 04 2003
INFORMATION DISCLOSURE STATEMENT
BY APPLICANTAPPLICANT
Hideo NakajimaFILING DATE
January 8, 2002GROUP
~~Unknown~~ 1725

(USE SEVERAL SHEETS IF NECESSARY)

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
KPK	1	US 3,692,513	09/19/72	Hall, et al.	75	415	
	2						
	3						
	4						
	5						
	6						

FOREIGN PATENT DOCUMENTS

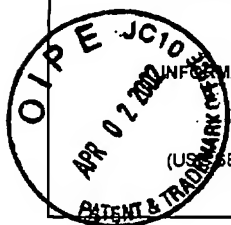
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	7							
	8							
	9							
	10							
	11							
	12							

EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)	
	13	
	14	
	15	
	16	
	17	

H:\DOCS\KOA\KOA-5883.DOC
012803

EXAMINER	<i>Kevin P. Kerne</i>	DATE CONSIDERED	7/13/04
*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.			

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U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
KPK	1.	5,181,549	01/26/93	Vladimir I. Shapovalov	164	79	

FOREIGN PATENT DOCUMENTS

JP 56-24693
Cannot
consider
since
no drawing
or abstract

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
KPK	2.	56-24693	06/08/81	Japan	C21D	3/06	abstract	✓ no abstract
KPK	3.	3-17238	01/25/91	Japan	C22C	1/08	abstract ✓	
KPK	4.	3-294437	12/25/91	Japan	C22C	1/08	abstract ✓	
KPK	5.	5-59482	03/09/93	Japan	C22B	15/14	abstract ✓	
KPK	6.	10-88254	04/07/98	Japan	C22C	1/08	abstract ✓	
KPK	7.	10-158761	06/16/98	Japan	C22C	1/08	abstract ✓	
KPK	8.	2000-239760	09/05/00	Japan	C22C	1/08	abstract ✓	

EXAMINER
INITIAL

OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

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032602

EXAMINER

Kevin P. Kerma

DATE CONSIDERED

7/13/04

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